

## **CLAIMS**

- 5 1. A system for the generation of real-time control signals based on at least one incoming control signal, the system comprising at least one control signal generator of one of the following types:

- a low frequency oscillator
- a transient generator

10 wherein the at least one incoming control signal is used to control events and parameters associated with the at least one control signal generator.

- 15 2. A method for the generation of real-time control signals based on at least one incoming control signal, the system utilizing at least one control signal generator of one of the following types:

- a low frequency oscillator
- a transient generator

20 wherein the at least one incoming control signal is used to control events and parameters associated with the at least one control signal generator.

- 25 3. The system of claim 1 wherein all control signals are in the form of MIDI messages.

4. The method of claim 2 wherein all control signals employ the form of MIDI messages.

- 30 5. A method for the processing of real-time control signals based on at least one incoming control signal, the system utilizing at least one control signal processor of one of the following types:

- a numerical operation on the value of the control signal;
- a numerical operation on the value of at least two control signals,

wherein the at least one incoming control signal is used to create at least one new control signal.

- 35 6. The method of claim 5 wherein all control signals employ the form of MIDI messages.